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Zeist (NL). THIEWES, Harm, Jan [NL/NL]; Nico Bergsteijnweg 147, NL-3931 CC Woudenberg (NL).

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(74) Agent: WINCKELS, J.H.F.; Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).

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(71) Applicant (*for all designated States except US*): NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

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(54) Title: PROCESS FOR GELATINISING STARCH USING A BIODEGRADABLE POLYMER MATERIAL BEARING ALDEHYDE GROUPS

(57) Abstract: The invention provides a process wherein starch and/or a starch derivative can be gelatinised more efficiently by means a thermo mechanical treatment, when a carbohydrate polymer is used comprising aldehyde containing monomer units which comprise one or more aldehyde groups that are derived from one or more primary alcohol groups. With this process a granulate or other semi-finished product can be obtained that can be shaped to produce an article that has excellent dimensional stability in water. The invention further provides a granulate, a shaped starch product, a food product or a blown starch film comprising such a carbohydrate polymer.